Fig.1A.

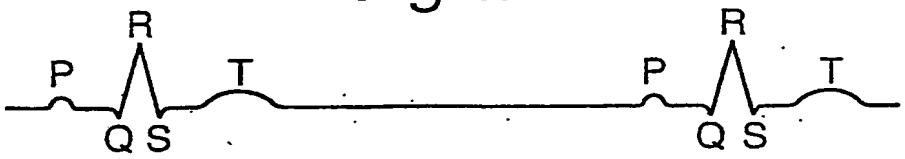


Fig.1B.

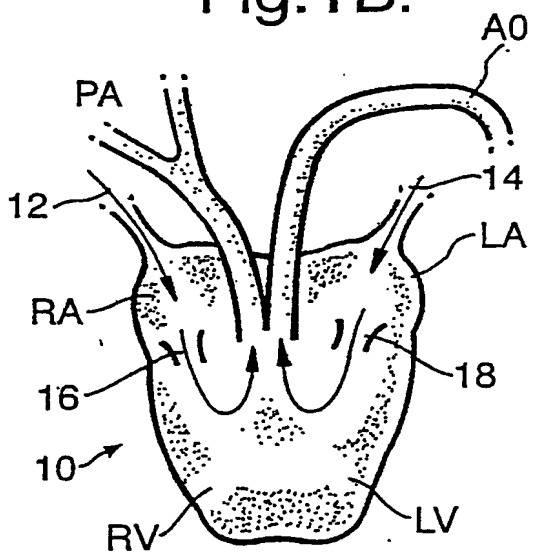
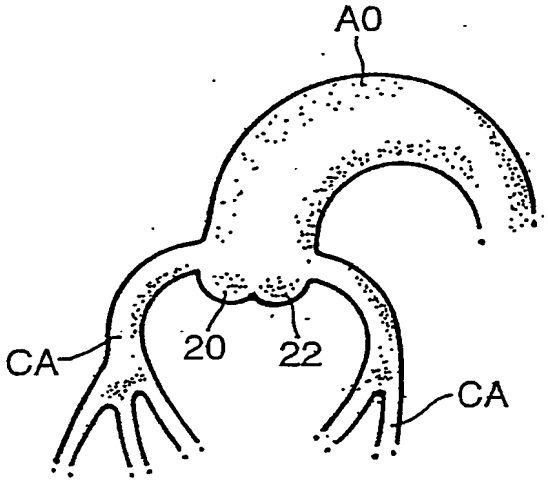


Fig.1C.



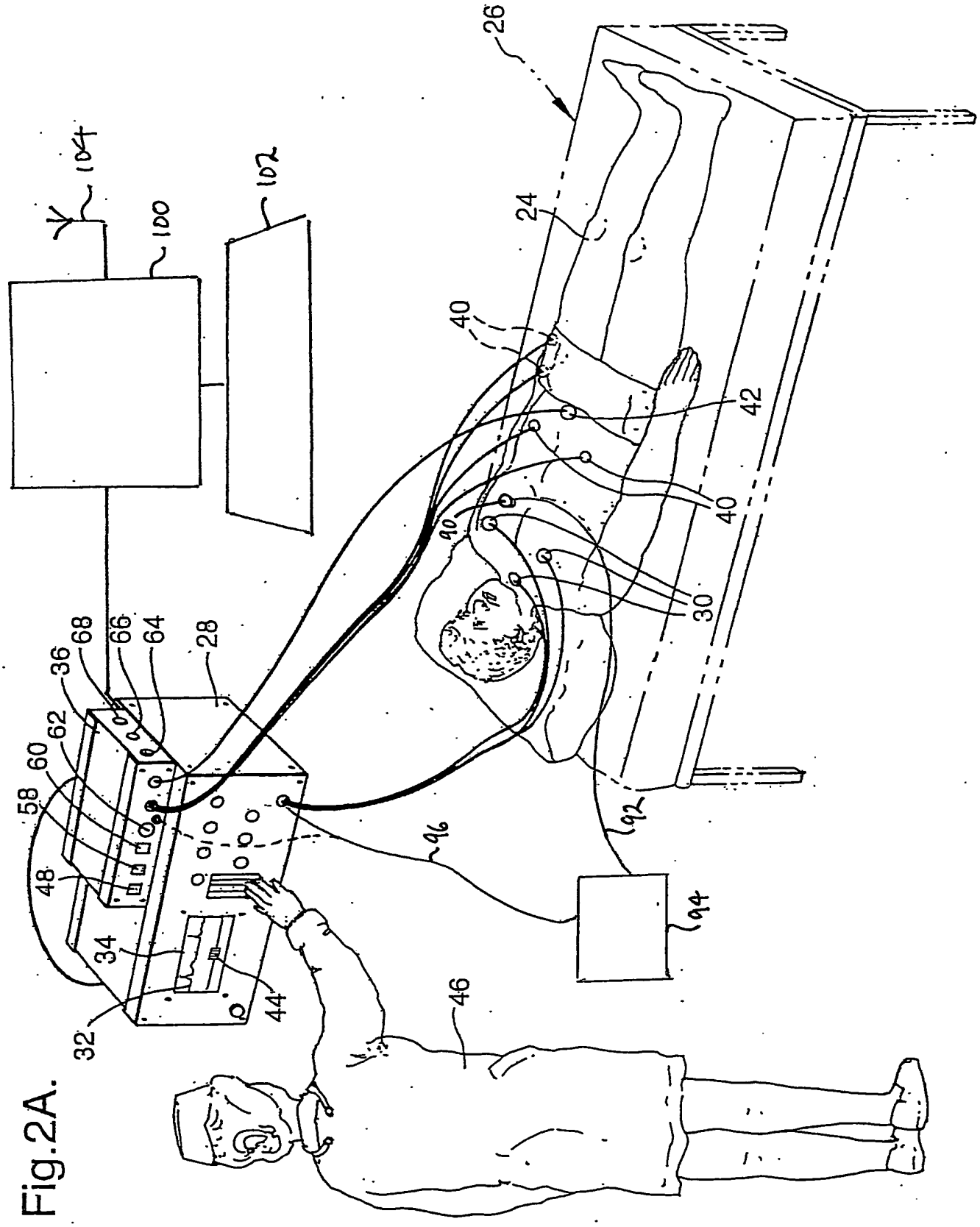

26
24
40
42
40
30
90
92
94
46
46
104
100
102
28
36
68
66
64
62
60
58
48
34
44
32

Fig.2A.

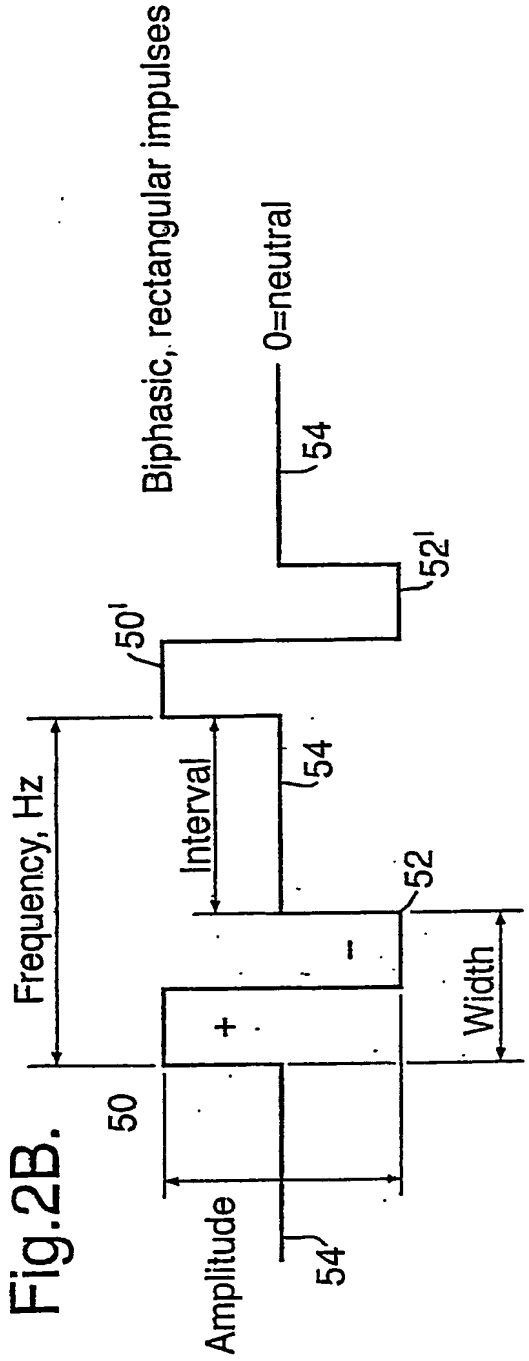

Biphasic, rectangular impulses
0=neutral
Frequency, Hz
Interval
Width
Amplitude
50
50'
52
52'
54
54
54
+
-

Fig.2B.

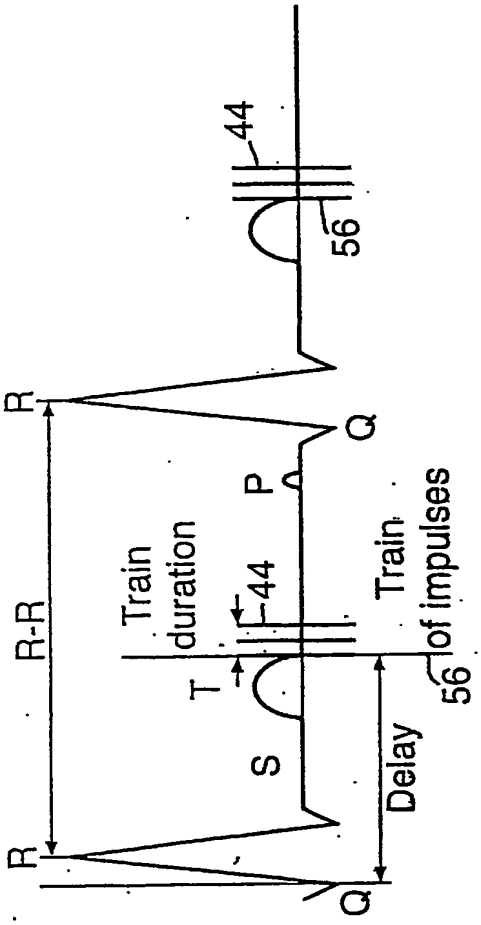

R
R
R-R
Q
Q
P
S
T
Train duration
Train of impulses
Delay
44
44
56
56

Fig.2C.

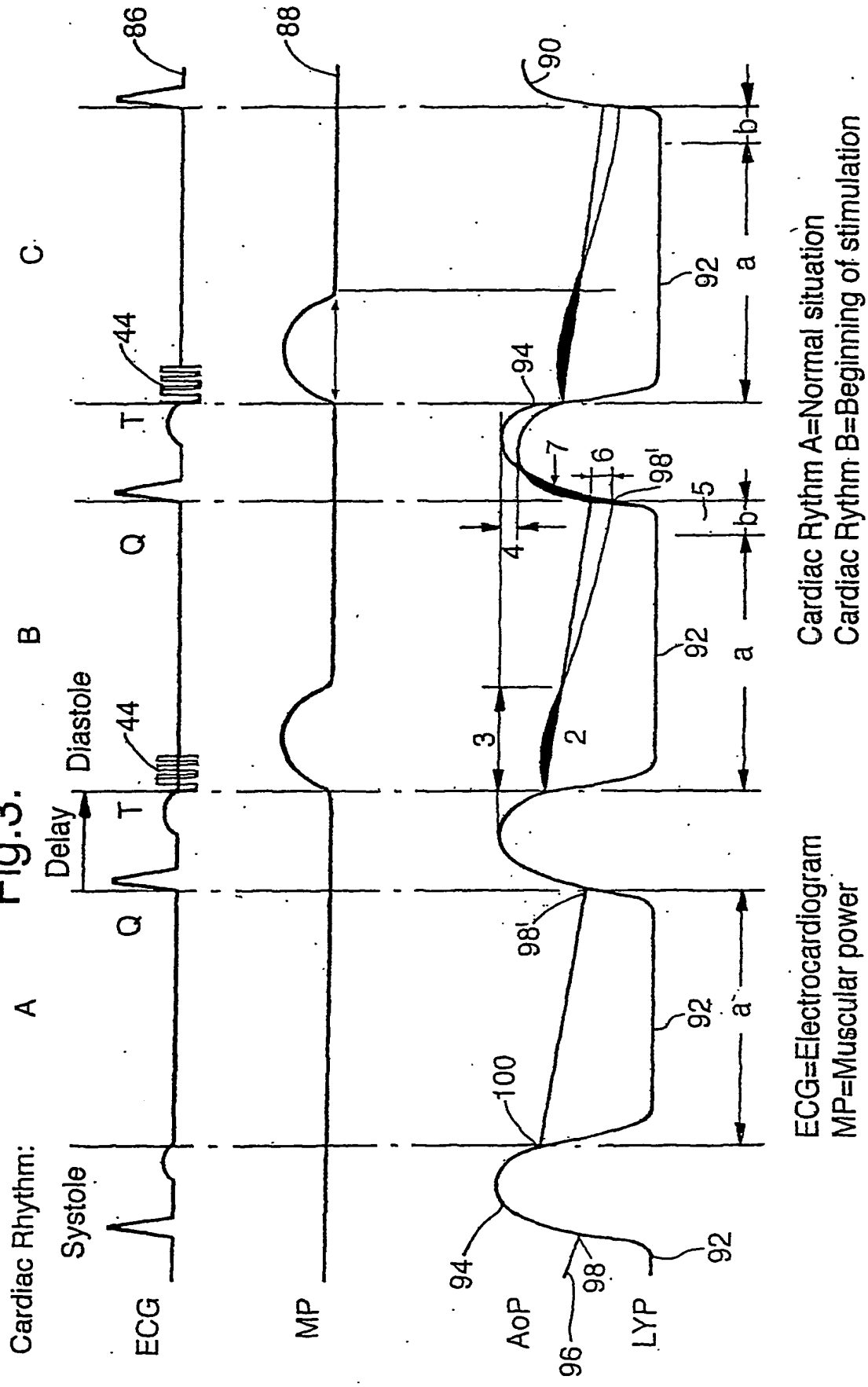

Cardiac Rhythm:
A
B
C
Systole
Diastole
Delay
Q
T
ECG
MP
AoP
LVP
44
86
88
90
92
94
96
98
98'
100
2
3
4
5
6
7
a
a'
b
ECG=Electrocardiogram
MP=Muscular power
AoP=Aorta pressure
LVP=Left ventricular pressure
Cardiac Rythm A=Normal situation
Cardiac Rythm B=Beginning of stimulation
Cardiac Rythm C=During stimulation

Fig.3.

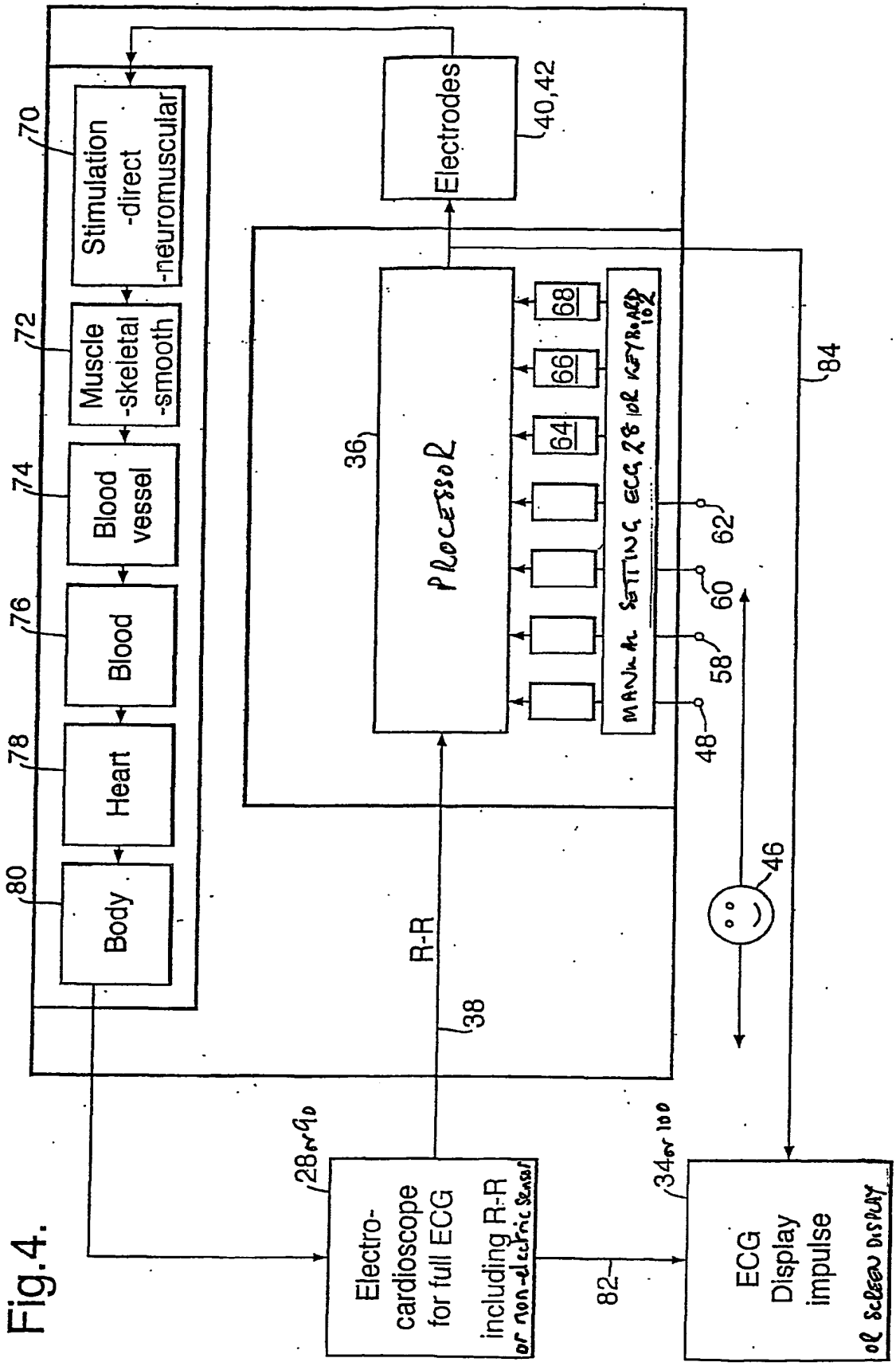

Stimulation -direct -neuromuscular
Muscle -skeletal -smooth
Blood vessel
Blood
Heart
Body
70
72
74
76
78
80
Electrodes
40,42
Processor
36
MANUAL SETTING ECG, 28 OR KEYBOARD 102
64
66
68
62
60
58
48
84
46
R-R
38
Electro-cardioscope for full ECG including R-R or non-electric sensor
28 or 90
ECG Display impulse or screen display
34 or 100
82

Fig.4.

Offset with channel groups A & B on the same electrode

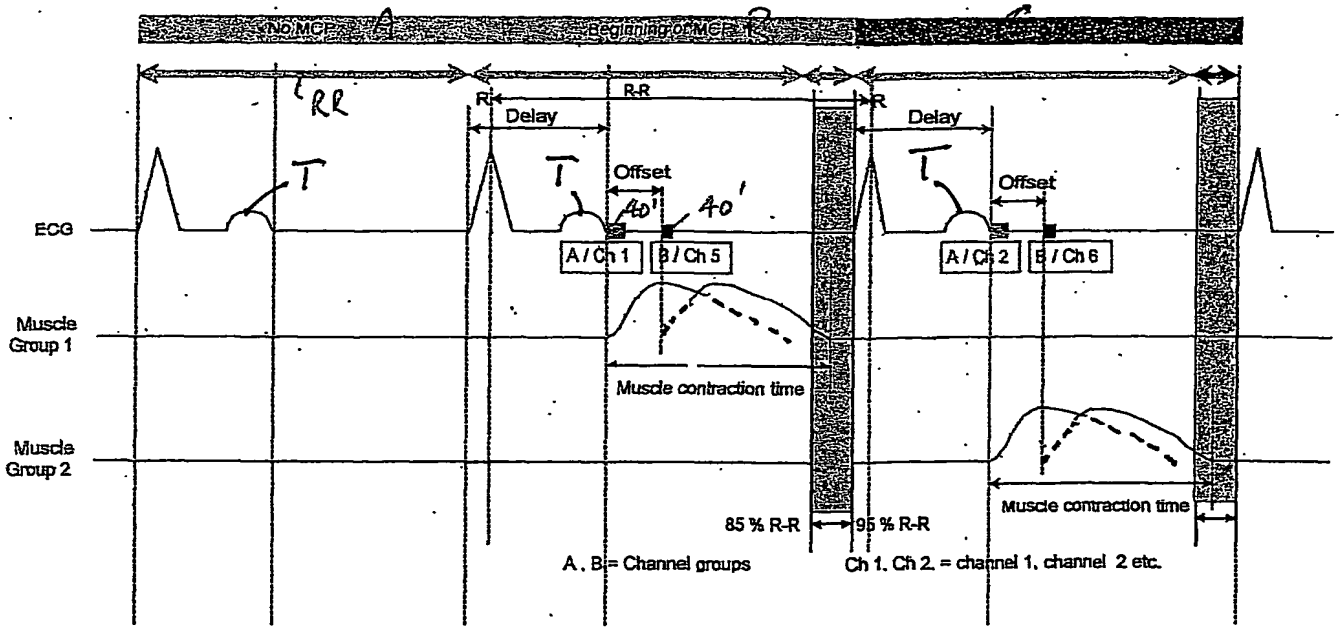


FIG 6

Multiple channel groups with offset

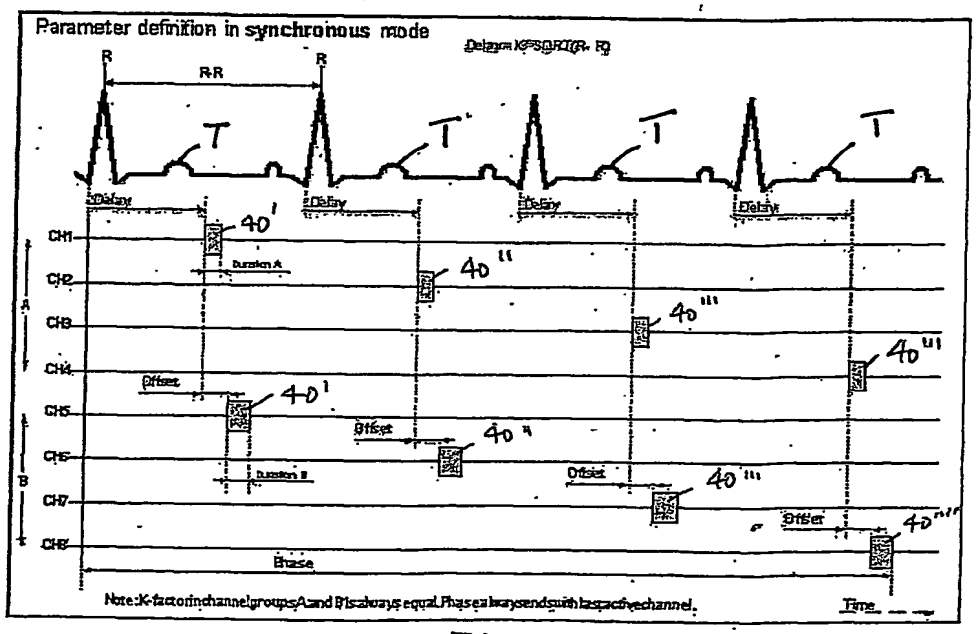


FIG 8

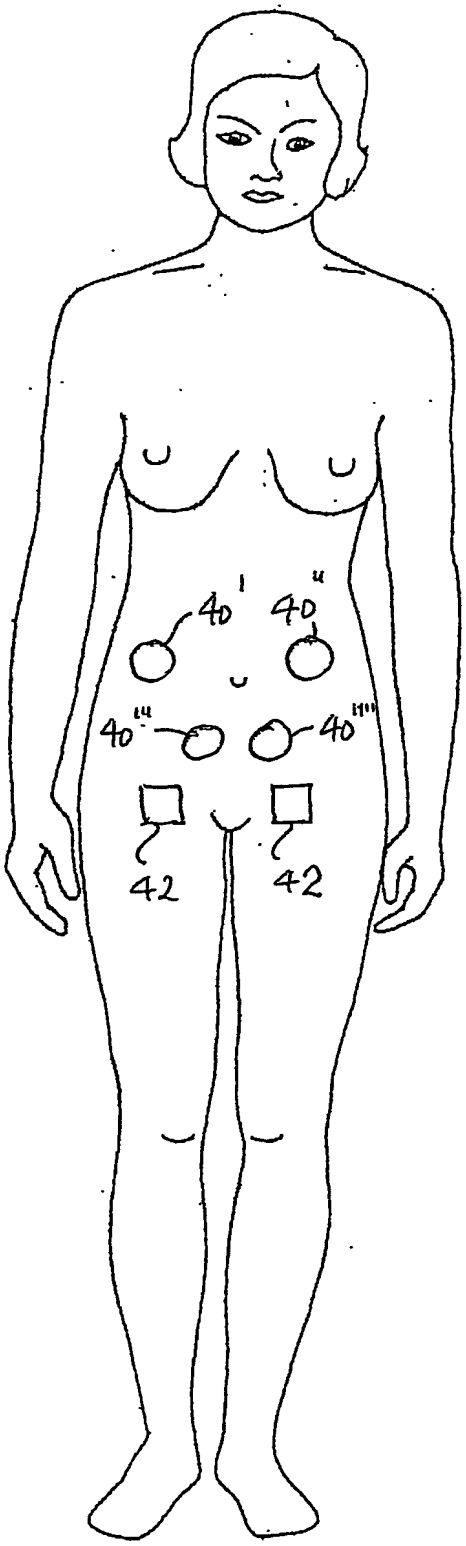


FIG 5

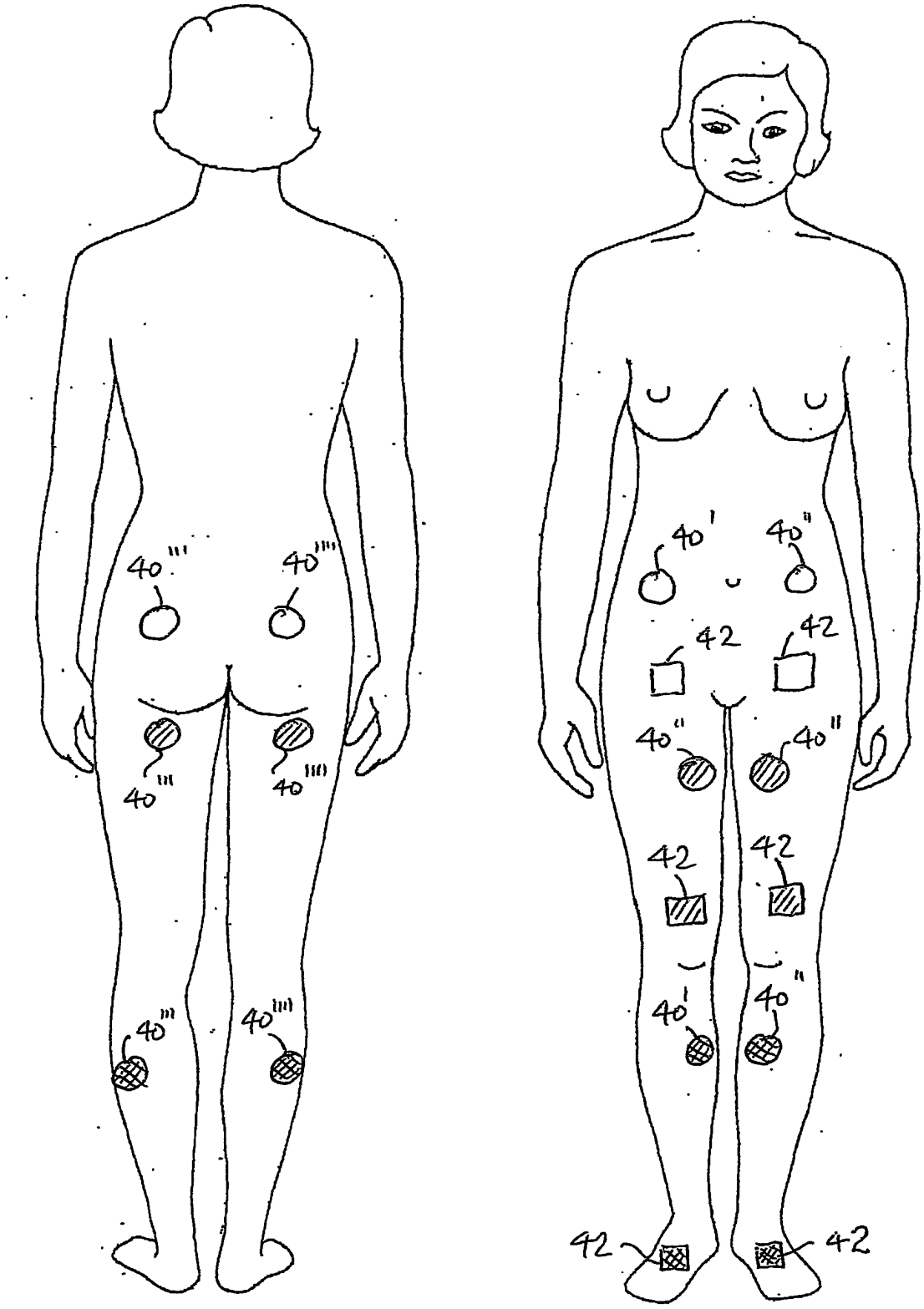


FIG 7

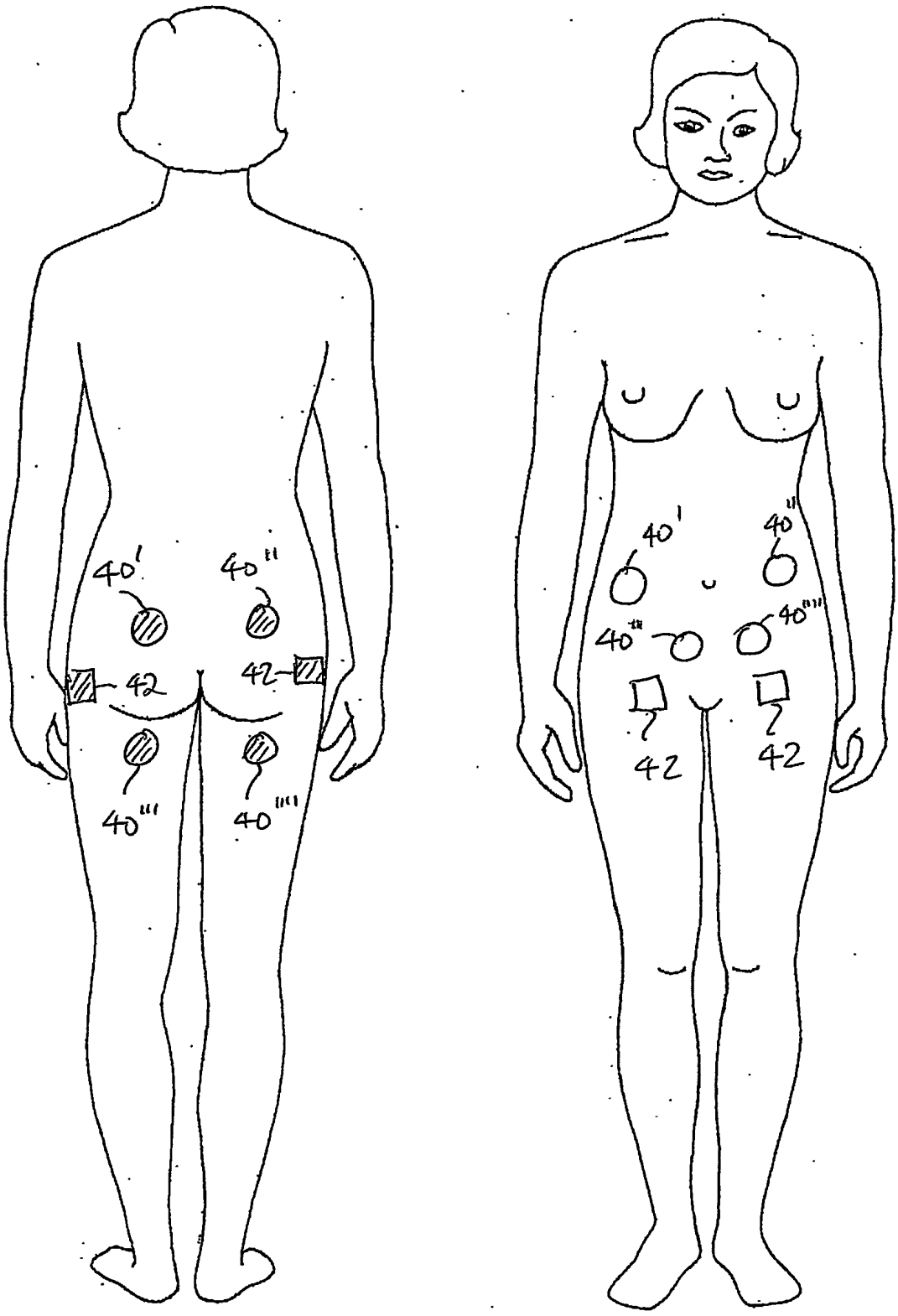


FIG 9